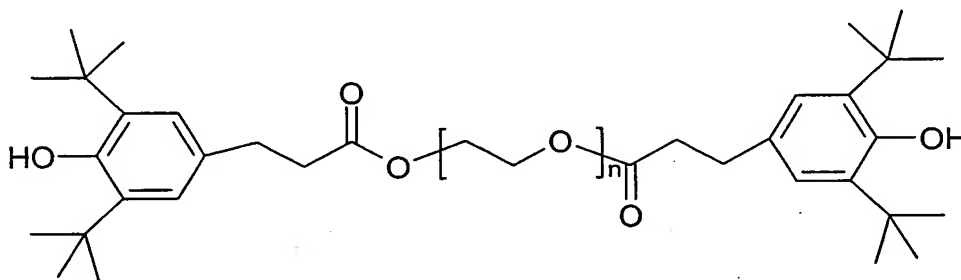


Claims

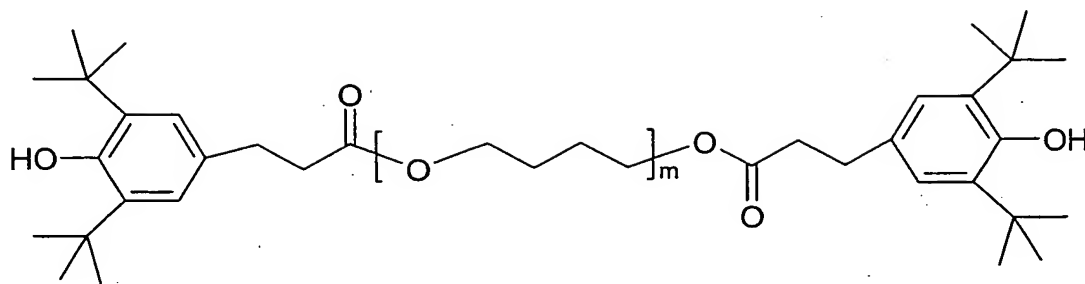
1. A mixture (1) comprising (a) polytetrahydrofuran and (b) stabilizers having a molecular weight of from 600 g/mol to 10000 g/mol and comprising at least two phenolic groups.
2. A mixture (1) comprising (a) polytetrahydrofuran and (b) stabilizers comprising at least two phenolic groups which are joined to one another by a polyol having a number average molecular weight of around $40 \times F$ g/mol to $1000 \times F$ g/mol, preferably from $75 \times F$ g/mol to $500 \times F$ g/mol, in particular from $90 \times F$ g/mol to $150 \times F$ g/mol, where F is the number of the phenolic groups in the molecule, as connecting radical (II).
3. The mixture (1) according to claim 1 or 2, wherein, in the stabilizer (b), the phenolic groups as active groups (I) are connected by a connecting radical (II).
4. The mixture (1) according to claim 3, wherein the number average molecular weight (M_n) of (II) is less than its weight average molecular weight (M_w).
5. A mixture (1) comprising (a) polytetrahydrofuran and, as stabilizer (b),

(X)



and/or

(XX)



- 5 in each case with the following meaning of n: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 or 31.
6. The mixture (1) according to claim 1, 2 or 5, wherein the stabilizer (b) is comprised in an amount of from 1 ppm to 5000 ppm, based on the total weight of the mixture (1), in the mixture (1) comprising polytetrahydrofuran and stabilizer.
- 10 7. The mixture (1) according to claim 1, 2 or 5, wherein the polytetrahydrofuran (a) has a molecular weight of from 200 g/mol to 10000 g/mol.
- 15 8. A process for producing polyurethanes, wherein a mixture (1) according to any of claims 1 to 7 is used as polyol component for the reaction with isocyanate.